ELSEVIER

J. Biochem. Biophys. Methods 30 (1995) 315–317

JOURNAL OF
biochemical and
biophysical
methods

Author Index

Agarwal, R., see Khan, S.G. (30) 133
Ährlund-Richter, L., see Nyholm, T. (30) 59
Alexandrova, M.L., see Magrisso, M.J. (30) 257
Andäng, M., see Nyholm, T. (30) 59

Baumann, H., see Nyholm, T. (30) 59
Bechev, B.G., see Magrisso, M.J. (30) 257
Benchev, I.C., see Magrisso, M.J. (30) 257
Bender, W., see Yu, F.-L. (30) 21
Bhardwaj, A., see Trad, C.H. (30) 287
Bochev, P.G., see Magrisso, M.J. (30) 257
Bottin, M.C., see Rihn, B. (30) 91
Bottin, M.C., see Rihn, B. (30) 103
Buchacher, A., see Tauer, C. (30) 75
Burgon, P.G., see Stanton, P.G. (30) 37
Butterfield, D.A., see Trad, C.H. (30) 287

Cameron, I.L., see Zimmerman, R.J. (30) 113
Chatterji, D., see Nagesh, N. (30) 1
Chattopadhyaya, J., see Maltseva, T.V. (30) 163
Cheng, L.-Y., see Lek, L.-H. (30) 9
Cobern, L. and Selvaraj, P.
An enzymatic method to determine receptor-mediated endocytosis (30) 249
Coulais, C., see Rihn, B. (30) 91
Coulais, C., see Rihn, B. (30) 103
Crespi, C., Gastalver, G., Palou, A. and Roca, P.
Enzymatic determination of carbon (^{14}C)-labeled glycerol in biological samples (30) 179

Dasari, G., Prince, I. and Hearn, M.T.W.
Investigations into the rheological characteristics of bovine amniotic fluid (30) 217
Decker, S., see Erben, M. (30) 227
Downs, P.E., see Janzen, E.G. (30) 239
DuBose, C.M., see Janzen, E.G. (30) 239

Erben, M., Decker, S., Franke, H. and Galla, H.-J.
Electrical resistance measurements on cerebral capillary endothelial cells – a new technique to study small surface areas (30) 227

Franke, H., see Erben, M. (30) 227
Fullerton, G.D., see Zimmerman, R.J. (30) 113

Galla, H.-J., see Erben, M. (30) 227
Garrido, S., Zaera, E., Torrecilla, A., Sillero, A. and Sillero, M.A.G.
Labeled adenosine(5′)tetraphospho(5′)adenosine (Ap_4A) and adenosine(5′)tetraphospho(5′)nucleoside (Ap_4N). Synthesis with firefly luciferase (30) 191
Gastalver, G., see Crespi, C. (30) 179
Ghildyal, R. and Kariofillis, M.
Determination of triasulfuron in soil: affinity chromatography as a soil extract cleanup procedure (30) 207
Gopalakrishna, P. and Khar, A.
Comet assay to measure DNA damage in apoptotic cells (30) 69

Härd, T., see Nyholm, T. (30) 59
Hearn, M.T.W., see Stanton, P.G. (30) 37
Hearn, M.T.W., see Thompson, P.E. (30) 153
Hearn, M.T.W., see Dasari, G. (30) 217
Hotchkiss, G., see Nyholm, T. (30) 59

James, W., see Trad, C.H. (30) 287
Janzen, E.G., Poyer, J.L., Schaefer, C.F., Downs, P.E. and DuBose, C.M.
Biological spin trapping II. Toxicity of nitrone spin traps: dose-ranging in the rat (30) 239
Jungbauer, A., see Tauer, C. (30) 75
Jürgens, G., see Mrowietz, U. (30) 49

Kanal, K.M., see Zimmerman, R.J. (30) 113
Kariofillis, M., see Ghildyal, R. (30) 207
Kaufmann, S.H.E., see Schoel, B. (30) 199
Kecorius, E.A., see Stanton, P.G. (30) 37
Khan, S.G., Mukhtar, H. and Agarwal, R.
A rapid and convenient filter-binding assay for ras p21 processing enzyme farnesyltransferase (30) 133
Khar, A., see Gopalakrishna, P. (30) 69
Kuksis, A., see Ravandi, A. (30) 271
Kumar, T.K.S., Raman, B. and Rao, Ch.M.
Fluorescent staining for proteins on polyacrylamide gels with 5-dimethylamino-1-naphthalenesulfonyl chloride (dansyl chloride) (30) 79
Kundu, T.K., Meetei, A.R. and Srinath, B.R.
A method for in vivo [^{32}P]phosphate labelling of testis proteins (30) 185

Larsson, S., see Nyholm, T. (30) 59
Lek, L.-H., Yang, E.-B., Wang, D.-F. and Cheng, L.-Y.
Comparison of the sensitivity of different India inks staining of electro-blotted proteins on filter membranes (30) 9
Lin, K.-C. and Shiuan, D.
A simple method for DNaseI footprinting analysis (30) 85

Magrisso, M.J., Alexandrova, M.L., Bochev, P.G., Bechev, B.G., Markova, V.I. and Benchev, I.C.
Model components of luminol chemiluminescence generated by PMNL (30) 257
Maltseva, T.V., Zarytova, V.F. and Chattopadhyaya, J.
Base-pair exchange kinetics of the imino and amino protons of the 3′-phenazinium tethered DNA–RNA duplex, r($^{5'}$GAUUGAA$^{3'}$): d($^{5'}$TCAATC$^{3'}$-Pzn), and their comparison with those of B-DNA duplex (30) 163
Marai, L., see Ravandi, A. (30) 271
Markova, V.I., see Magrisso, M.J. (30) 257
Martinet, N., see Rihn, B. (30) 91
Martinet, N., see Rihn, B. (30) 103
Meetei, A.R., see Kundu, T.K. (30) 185
Mrowietz, U. and Jürgens, G.
A method for the determination of leukocyte migration for large sample numbers by automated densitometric quantification (30) 49
Mukhtar, H., see Khan, S.G. (30) 133
Myher, J.J., see Ravandi, A. (30) 271

Nagesh, N. and Chatterji, D.
Ammonium ion at low concentration stabilizes the G-quadruplex formation by telomeric sequence (30) 1
Nyholm, T., Andäng, M., Hotchkiss, G., Härd, T., Baumann, H., Larsson, S. and Ährlund-Richter, L.
A method for production of $^{13}C/^{15}N$ double labelled RNA in *E. coli*, and subsequent in vitro synthesis of ribonucleotide 5′ triphosphates (30) 59

Oravec, P. and Podhradský, D.
High-performance liquid chromatography of amino acids after derivatization with 9-isothiocyanatoacridine (30) 145

Palou, A., see Crespi, C. (30) 179
Podhradský, D., see Oravec, P. (30) 145
Poyer, J.L., see Janzen, E.G. (30) 239
Prince, I., see Dasari, G. (30) 217

Raman, B., see Kumar, T.K.S. (30) 79
Rao, Ch.M., see Kumar, T.K.S. (30) 79
Ravandi, A., Kuksis, A., Myher, J.J. and Marai, L.
Determination of lipid ester ozonides and core aldehydes by high-performance liquid chromatography with on-line mass spectrometry (30) 271
Rihn, B., Bottin, M.C., Coulais, C. and Martinet, N.
Evaluation of non-radioactive labelling and detection of deoxyribonucleic acids. Part two: colorigenic methods and comparison with chemiluminescent methods (30) 103
Rihn, B., Coulais, C., Bottin, M.C. and Martinet, N.
Evaluation of non-radioactive labelling and detection of deoxyribonucleic acids. Part one: chemiluminescent methods (30) 91
Robertson, D.M., see Stanton, P.G. (30) 37
Roca, P., see Crespi, C. (30) 179

Sanders, J., see Zimmerman, R.J. (30) 113
Schaefer, C.F., see Janzen, E.G. (30) 239
Schoel, B., Welzel, M. and Kaufmann, S.H.E.
Quantification of protein in dilute and complex samples: modification of the bicinchoninic acid assay (30) 199
Selvaraj, P., see Cobern, L. (30) 249
Shen, Z., see Stanton, P.G. (30) 37
Shiuan, D., see Lin, K.-C. (30) 85
Sillero, A., see Garrido, S. (30) 191
Sillero, M.A.G., see Garrido, S. (30) 191
Srinath, B.R., see Kundu, T.K. (30) 185
Stanton, P.G., Shen, Z., Kecorius, E.A., Burgon, P.G., Robertson, D.M. and Hearn, M.T.W.
Application of a sensitive HPLC-based fluorometric assay to determine the sialic acid content of human gonadotropin isoforms (30) 37

Tauer, C., Buchacher, A. and Jungbauer, A.
DNA clearance in chromatography of proteins, exemplified by affinity chromatography (30) 75
Thompson, P.E. and Hearn, M.T.W.
A simple and inexpensive sample-handling method for the semi-preparative RP-HPLC of polypeptides and non-polar peptide derivatives: pre-adsorption of samples (30) 153
Torrecilla, A., see Garrido, S. (30) 191
Trad, C.H., James, W., Bhardwaj, A. and Butterfield, D.A.
Selective labeling of membrane protein sulfhydryl groups with methanethiosulfonate spin label (30) 287

Vesterberg, O.
A new luminometer for sensitive quantification by chemiluminescence of specific proteins in microtitre plates and on blot membranes (30) 301

Wang, D.-F., see Lek, L.-H. (30) 9
Welzel, M., see Schoel, B. (30) 199

Yang, E.-B., see Lek, L.-H. (30) 9
Yu, F.-L. and Bender, W.
Studies on the isolated transcriptionally active and inactive chromatin fractions from rat liver nuclei (30) 21

Zaera, E., see Garrido, S. (30) 191
Zarytova, V.F., see Maltseva, T.V. (30) 163
Zimmerman, R.J., Kanal, K.M., Sanders, J., Cameron, I.L. and Fullerton, G.D.
Osmotic pressure method to measure salt induced folding/unfolding of bovine serum albumin (30) 113

ELSEVIER

J. Biochem. Biophys. Methods 30 (1995) 319–320

JOURNAL OF
biochemical and
biophysical
methods

Subject Index

Active chromatin, (30) 21
Affinity Chromatography, (30) 207
Amino acid analysis, (30) 145
Amino proton, (30) 163
Antibody, (30) 301
Ap_4A, (30) 191
Ap_4N, (30) 191
Apoptosis, (30) 69
Attomolar level, (30) 91

B-DNA duplex, (30) 163
Bicinchoninic acid, (30) 199
Bovine amniotic fluid, (30) 217

CD, (30) 1
CD2, (30) 249
CD3, (30) 249
Cell electrophoresis, (30) 69
Cetylpyridinium chloride, (30) 217
^{14}C-glycerol, (30) 179
Chemiluminescence, (30) 257, (30) 301
Chemiluminescent method, (30) 91
Chemotaxis, (30) 49
Chloramphenicol, (30) 59
Circulating immune complex, (30) 9
$^{13}C/^{15}N$ labelled RNA, (30) 59
Colorigenic method, (30) 103

Dansyl chloride, (30) 79
Densitometry, (30) 49
Detection, (30) 91, (30) 103
Dideoxy DNA sequencing, (30) 85
Dihydroxyacetone-phosphate, (30) 179
Dinitrophenylhydrazone, (30) 271
Dinucleoside tetraphosphate, (30) 191
DNA-clearance, (30) 75
DNA damage, (30) 69
DNA-RNA duplex, (30) 163
DNaseI footprinting, (30) 85
Dot-blot immunoassay, (30) 301

Egg yolk phospholipid, (30) 271
Electrophoresis, (30) 79
ELISA, (30) 207
Endocytosis, (30) 249
Enzymatic determination, (30) 179
EPR, (30) 287
Evaluation, (30) 91, (30) 103
Exchange kinetics, (30) 163

Farnesyltransferase, (30) 133
Filter-binding assay, (30) 133
Firefly luciferase, (30) 191
Fluorescence, (30) 1, (30) 79
Follicle-stimulating hormone, (30) 37

Gel, (30) 79
Gel electrophoresis, (30) 9
Glycoprotein, (30) 37
G-tetrad, (30) 1

High-performance liquid chromatography, (30) 145
Histone/histone-like protein, (30) 21
HPLC, (30) 153

Imino proton, (30) 163
India ink, (30) 9
Interference, (30) 199
Intratesticular injection, (30) 185
in vitro transcription, (30) 59

Luteinizing hormone, (30) 37
Lymphocyte, (30) 49

Membrane, (30) 301
Membrane protein, (30) 287

Methanethiosulfonate, (30) 287
Microtitre plate, (30) 301
Model, (30) 257
Monoclonal antibody, (30) 75
Monocyte, (30) 49

N-(9-acridinylthiocarbamoyl) amino acid, (30) 145
Neutrophil granulocyte, (30) 49
$NH_4(I)$, (30) 1
NTP-synthesis, (30) 59
Nuclear/nucleolar RNA synthesis, (30) 21
Nucleic acid, (30) 91, (30) 103
Nucleotide kinase, (30) 59

Ozonide, (30) 271
Ozonizer, (30) 271

PAGE, (30) 79
PCR, (30) 85
Peptide derivative, (30) 153
Phosphorylation (in vivo), (30) 185
Polymorphonuclear leukocyte, (30) 257
Polypeptide, (30) 153
Protein, (30) 79, (30) 301
Protein assay, (30) 199
Protein A Superose, (30) 75
Protein denaturing, (30) 113
Protein folding, (30) 113
Protein salt interaction, (30) 113
Protein solvation, (30) 113
Protein-specific spin labelling, (30) 287
Proteoglycan, (30) 217

Quantification, (30) 301

Radiolabled DNA, (30) 75
Radioreceptor assay, (30) 37
Ras p21-processing, (30) 133
Receptor, (30) 249
Reversed-phase HPLC, (30) 37
RP-HPLC, (30) 153

Shear rate, (30) 217
Sialic acid, (30) 37
SPE amino column, (30) 179
Stability, (30) 1
Stain, (30) 79
Sub-attomolar level, (30) 103

Thermal treatment, (30) 1
Thioredoxin, (30) 59
Tracer metabolic study, (30) 179
Triasulfuron, (30) 207
Triphenylphosphene, (30) 271

Unsaturated triacylglycerol, (30) 271

Viscosity, (30) 217

Water interaction, (30) 113
Western blot, (30) 9